

upgrading a specific resource reservation corresponding to a specific data stream at an upstream node in the fixed network when a downstream node in the another network is unable to maintain a predetermined transmission quality for the specific data stream;

shunting temporarily the specific data stream at the upstream node; and

utilizing temporarily the specific resource reservation at the upstream node for other traffic while still maintaining the correspondence of the specific resource reservation and the specific data stream for future reactivation.

9. (New) The method according to Claim 8, further comprising:

upgrading the specific resource reservation corresponding to the specific data stream at the upstream node in the fixed network when the downstream node in the another network is once again able to maintain the predetermined transmission quality for the specific data stream;

canceling the shunting of the specific data stream at the upstream node; and

utilizing the specific resource reservation at the upstream node for the specific data stream.

10. (New) The method according to Claim 8, said another network comprising:

a radio network including a radio channel.

11. (New) The method according to Claim 10, further comprising:

using an interface between the downstream node and the radio channel to set a limit regarding a total number of data streams that can be transmitted from the transmitting terminal to the receiving terminal.

12. (New) The method according to Claim 8, further comprising

using hierarchical coding to prioritize the plurality of data streams.

13. (New) The method according to Claim 8, further comprising

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controlling the temporary reallocation of resources in the fixed network so that, when multicast traffic is being transmitted, the specific data stream in the upstream node is shunted without affecting other receiving terminals of the multicast traffic.

14. (New) The method according to Claim 11, wherein said using an interface comprises:

receiving and processing momentary information about a transmission capacity of the radio channel.

IN THE ABSTRACT

Please amend the paragraph on page 11, lines 3-26 to read as follows: